

AMENDMENT IN THE CLAIMS

Claims 1 - 30. (Cancelled)

31. (Withdrawn) A method for controlling a toy device based on manipulation of a remote control unit by a user and for providing haptic sensations to the user, the method comprising:

providing control signals to said toy device based on manual manipulation of at least one control on said remote control unit by said user, wherein said control signals control the operation of said toy device;

receiving status signals from said toy device, said status signals indicating a current status of said toy device; and

causing haptic sensations to be output on said remote control unit, said haptic sensations based on at least one of said manual manipulation of said at least one control and said status signals received from said toy device.

32. (Withdrawn) A method as recited in claim 31 wherein said actuator moves an inertial mass to provide inertial haptic sensations on a housing of said remote control unit.

33. (Withdrawn) A method as recited in claim 31 wherein said at least one control includes a lever movable along an axis.

34. (Withdrawn) A method as recited in claim 31 wherein said control signals sent to said toy device and said status signals received from said toy device are communicated wirelessly.

35. (Withdrawn) A method as recited in claim 31 wherein said status signals received from said toy device include information from a contact sensor on said toy device, said information indicating whether said toy device has contacted with another object at a location of said contact sensor.

36. (Withdrawn) A method as recited in claim 31 wherein said status signals received from said toy device include information indicating an amount of acceleration experienced by said toy device in at least one dimension of said toy device.

Claims 37-44. (Cancelled)

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45. (New) A device comprising:
a housing;
a manipulandum disposed within said housing and operable to cause a control signal to be sent to a remotely-controlled device;
an actuator coupled to said housing, said actuator operable to output a force on at least one of said housing and said manipulandum; and
a controller in communication with said actuator, said controller operable to cause said actuator to output said force.
46. (New) A device as recited in claim 45, wherein said actuator comprises an inertial mass actuator.
47. (New) A device as recited in claim 45, wherein said manipulandum includes a lever movable along an axis.
48. (New) A device as recited in claim 45, wherein said control signals comprises a wireless control signal.
49. (New) A device as recited in claim 48, wherein said wireless control signals comprises a radio frequency (RF) signal.
50. (New) A device as received in claim 45, further comprising a receiver in communication with said controller and operable to receive a state signal from said remotely-controlled device.
51. (New) A device as recited in claim 45, wherein said remotely-controlled device comprises:
a sensor; and
a transmitter in communication with said sensor.

52. (New) A device as recited in claim 51, wherein said sensor comprises a contact sensor.
53. (New) A device as recited in claim 51, wherein said sensor comprises a pressure sensor.
54. (New) A device as recited in claim 51, wherein said sensor comprises an accelerometer.
55. (New) A device as recited in claim 45, wherein said manipulandum comprises a throttle control.
55. (New) A device as recited in claim 45, wherein said manipulandum comprises a directional control.
56. (New) A device as recited in claim 45, wherein said remotely-controlled device comprises a remotely-controlled toy.
57. (New) A device as recited in claim 45, wherein said remotely-controlled device comprises a remotely-controlled car.